Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Optics Communications 226 (2003) 423–428
OPTICS COMMUNICATIONS
www.elsevier.com/locate/optcom

Author index to volume 226

Abbi, S.C., see Mavi, H.S. 226 (2003) 405
Aimez, V., see Ng, S.L. 226 (2003) 191
Alfano, R.R., see Xu, M. 226 (2003) 1
Azkargorta, J., see Iparraguirre, I. 226 (2003) 275

Babin, S.A., D.V. Churkin and E.V. Podivilov, Intensity interactions in cascades of a two-stage Raman fiber laser 226 (2003) 329
Beauvais, J., see Ng, S.L. 226 (2003) 191
Beerens, J., see Ng, S.L. 226 (2003) 191
Benford, G., see Konz, C. 226 (2003) 249
Berginc, G., see Escoubas, L. 226 (2003) 81
Biswas, D.J., J. Padma Nilaya and M.B. Danailov, Enhancement of photo-refractive two-wave mixing gain with a Bessel pump beam 226 (2003) 387
Blau, W., see Sterligov, V.A. 226 (2003) 125
Bokor, N. and N. Davidson, Chaotic and integrable reflective tube shapes for anamorphic, adiabatic transformation of diffuse light 226 (2003) 89
Brown, M.S., see Li, Y. 226 (2003) 255

Caetano, D.P., C.H. Monken and P.H. Souto Ribeiro, Control of conditional pattern with polarization entanglement 226 (2003) 297
Cai, L., see Peng, X. 226 (2003) 155
Castaneda, R. and J. Garcia-Sucerquia, Classes of source pairs in interference and diffraction 226 (2003) 45
Castro, F.M., M.I. Molina and W.D. Deering, Controlling all-optical switching in multicore nonlinear couplers 226 (2003) 199
Chan, Y.C., see Ng, S.L. 226 (2003) 191
Chen, J.W. and D.N. Wang, Wavelength tunable optical short pulse generation by self-seeding of a gain-switched Fabry–Pérot laser diode with extended wavelength-tuning range 226 (2003) 345
Chen, X., see Xia, L. 226 (2003) 175
Cheyssac, P., see Sterligov, V.A. 226 (2003) 125
Chiueh, C.-I., see Lu, S.-H. 226 (2003) 7
Churkin, D.V., see Babin, S.A. 226 (2003) 329
Ciornea, V.I., see Enaki, N.A. 226 (2003) 285
Conroy, R.S., Y. Xiao, M. Vengalattore, W. Rooijakkers and M. Prentiss, Compact, robust source of cold atoms for efficient loading of a magnetic guide 226 (2003) 259
Corredera, P., see González-Herráez, M. 226 (2003) 323

doi:10.1016/S0030-4018(03)02057-1

Dagdug, L. and G.H. Weiss, Absorptive effects on a parameter used to characterize the region of tissue visited by photons in continuous wave measurements 226 (2003) 149
Danailov, M.B., see Biswas, D.J. 226 (2003) 387
Davidson, N., see Bokor, N. 226 (2003) 89
Deering, W.D., see Castro, F.M. 226 (2003) 199
de Matos, C.J.S. and J.R. Taylor, Use of an electroabsorption modulator and an autocorrelator for fibre chromatic dispersion measurement at 1550 nm 226 (2003) 221
Demeechai, T., Polarization statistics modeling of beat noise in optical on–off-keying networks 226 (2003) 205
Dhayalan, V., see Stamnes, J.J. 226 (2003) 107
Djie, H.S., see Ng, S.L. 226 (2003) 191
Dong, J., Numerical modeling of CW-pumped repetitively passively Q-switched Yb:YAG lasers with Cr:YAG as saturable absorber 226 (2003) 337
Duxbury, G., see Garcia, M. 226 (2003) 39

Enaki, N.A., V.I. Ciornea and D.L. Lin, Trapping conditions for a three-level atom interacting with cavity fields 226 (2003) 285
Escoubas, L., J.J. Simon, M. Loli, G. Berginc, F. Flory and H. Giovannini, An antireflective silicon grating working in the resonance domain for the near infrared spectral region 226 (2003) 81

Farmer, C.D., see Garcia, M. 226 (2003) 39
Fernández, J., see Iparraguirre, I. 226 (2003) 275
Flory, F., see Escoubas, L. 226 (2003) 81
Folkenberg, J.R., see Ritari, T. 226 (2003) 233
Freund, I., Bichromatic optical Lissajous fields 226 (2003) 351
Frigyes, I., see Reményi, J. 226 (2003) 211

Garcia, M., E. Normand, C.R. Stanley, C.N. Ironside, C.D. Farmer, G. Duxbury and N. Langford, An AlGaAs–GaAs quantum cascade laser operating with a thermo-electric cooler for spectroscopy of NH_3 226 (2003) 39
Garcia-Sucerquia, J., see Castaneda, R. 226 (2003) 45
Giovannini, H., see Escoubas, L. 226 (2003) 81
Gisin, N., see Ritari, T. 226 (2003) 233
González-Herráez, M., S. Martín-López, P. Corredera, M.L. Hernanz and P.R. Horche, Supercontinuum generation using a continuous-wave Raman fiber laser 226 (2003) 323
Gupta, V.L., see Singh, K.P. 226 (2003) 377

Hennelly, B. and J.T. Sheridan, Fractional Fourier transform-based image encryption: phase retrieval algorithm 226 (2003) 61
Hernández-Figueroa, H.E., see Zamboni-Rached, M. 226 (2003) 15
Hernanz, M.L., see González-Herráez, M. 226 (2003) 323
Herring, G.C., see Li, Y. 226 (2003) 255
Horche, P.R., see González-Herráez, M. 226 (2003) 323
Hsu, C.-C., see Jian, Z.-C. 226 (2003) 135

Im, K.-B., H.-I. Kim, I.-J. Joo, C.-H. Oh, S.-H. Song, P.-S. Kim and B.-C. Park, Optical trapping forces by a focused beam through two media with different refractive indices 226 (2003) 25
Iparraguirre, I., J. Fernández, M. Sanz and J. Azkargorta, The influence of excitation inhomogeneities on energy transfer upconversion measurements 226 (2003) 275
Ironside, C.N., see Garcia, M. 226 (2003) 39
Iyer, M.K., see Zhou, J. 226 (2003) 181

Jain, M., see Stamnes, J.J. 226 (2003) 107
Jakab, L., see Reményi, J. 226 (2003) 211
Jian, Z.-C., C.-C. Hsu and D.-C. Su, Improved technique for measuring refractive index and thickness of a transparent plate 226 (2003) 135
Jiang, H., Subcellular sizing with polarized light spectroscopy 226 (2003) 279
Joo, I.-J., see Im, K.-B. 226 (2003) 25

Kam, C.H., see Zhou, J. 226 (2003) 181
Kan, H., see Wang, Y. 226 (2003) 303
Kim, H.-I., see Im, K.-B. 226 (2003) 25
Kim, P.-S., see Im, K.-B. 226 (2003) 25
Kok, S.W., Y. Zhang, C. Wen and Y.C. Soh, Design of all-fiber optical interleavers with a given specification on passband ripples 226 (2003) 241
Konz, C. and G. Benford, Geometric absorption of electromagnetic angular momentum 226 (2003) 249
Kröll, M., see Sterligov, V.A. 226 (2003) 125

Lai, S.R., see Shi, C.Z. 226 (2003) 167
Lam, Y.L., see Ng, S.L. 226 (2003) 191
Langford, N., see Garcia, M. 226 (2003) 39
Lee, C.-C., see Lu, S.-H. 226 (2003) 7
Li, Y., W.L. Roberts, M.S. Brown and G.C. Herring, Transient grating spectroscopy with delayed thermalization in non-combusting CO/air mixtures 226 (2003) 255
Li, C., J.I. Mackenzie, J. Wang and D.P. Shepherd, A diode-bar side-pumped waveguide laser with an extended stable cavity for spatial mode control 226 (2003) 317
Li, X., see Xia, L. 226 (2003) 175
Liang, T.K., H.K. Tsang and C. Shu, All-optical time-division demultiplexing with simultaneous regeneration in gain-switched distributed feedback lasers 226 (2003) 227
Liao, Y.B., see Shi, C.Z. 226 (2003) 167
Lim, H.S., see Ng, S.L. 226 (2003) 191
Lin, D.L., see Enaki, N.A. 226 (2003) 285
Ling, H.Y., see Seaman, B. 226 (2003) 267
Loli, M., see Escoubas, L. 226 (2003) 81
Lotsberg, J.K., see Stamnes, J.J. 226 (2003) 107
Lu, S.-H., C.-I. Chiueh and C.-C. Lee, Measuring the thickness of opaque plane-parallel parts using an external cavity diode laser and a double-ended interferometer 226 (2003) 7
Ludvigsen, H., see Ritari, T. 226 (2003) 233

Maák, P., see Reményi, J. 226 (2003) 211
Mackenzie, J.I., see Li, C. 226 (2003) 317

Martín-López, S., see González-Herráez, M. 226 (2003) 323
Mavi, H.S., S. Prusty, A.K. Shukla and S.C. Abbi, Nonlinear phenomenon in nanocrystallites produced by laser-induced etching of silicon 226 (2003) 405
Millot, G., see Pitois, S. 226 (2003) 415
Molina, M.I., see Castro, F.M. 226 (2003) 199
Monken, C.H., see Caetano, D.P. 226 (2003) 297

Ng, S.L., H.S. Djie, H.S. Lim, Y.L. Lam, Y.C. Chan, B.S. Ooi, V. Aimez, J. Beauvais and J. Beerens, Fabrication of wide-band electro-absorption waveguide modulator arrays using quantum well-intermixing process 226 (2003) 191
Ngo, N.Q., see Zhou, J. 226 (2003) 181
Niemi, T., see Ritari, T. 226 (2003) 233
Nóbrega, K.Z., see Zamboni-Rached, M. 226 (2003) 15
Normand, E., see Garcia, M. 226 (2003) 39

Oh, C.-H., see Im, K.-B. 226 (2003) 25
Ooi, B.S., see Ng, S.L. 226 (2003) 191
Orlov, S. and A. Stabinis, Free-space propagation of light field created by Bessel–Gauss and Laguerre–Gauss singular beams 226 (2003) 97

Padma Nilaya, J., see Biswas, D.J. 226 (2003) 387
Park, B.-C., see Im, K.-B. 226 (2003) 25
Peng, X., L. Yu and L. Cai, Digital watermarking in three-dimensional space with a virtual-optics imaging modality 226 (2003) 155
Petterson, A., see Ritari, T. 226 (2003) 233
Pita, K., see Zhou, J. 226 (2003) 181
Pitois, S. and G. Millot, Experimental observation of a new modulational instability spectral window induced by fourth-order dispersion in a normally dispersive single-mode optical fiber 226 (2003) 415
Podivilov, E.V., see Babin, S.A. 226 (2003) 329
Prentiss, M., see Conroy, R.S. 226 (2003) 259
Prusty, S., see Mavi, H.S. 226 (2003) 405

Ramana, P.V., see Zhou, J. 226 (2003) 181
Recami, E., see Zamboni-Rached, M. 226 (2003) 15
Reményi, J., P. Maák, I. Frigyes, L. Jakab and P. Richter, Demonstration of continuously variable true-time delay in frequency dependent phase compensating system with acousto-optics and liquid crystal modulator 226 (2003) 211
Richter, P., see Reményi, J. 226 (2003) 211
Ritari, T., T. Niemi, H. Ludvigsen, M. Wegmuller, N. Gisin, J.R. Folkenberg and A. Petterson, Polarization-mode dispersion of large mode-area photonic crystal fibers 226 (2003) 233
Roberts, W.L., see Li, Y. 226 (2003) 255
Rooijakkers, W., see Conroy, R.S. 226 (2003) 259
Roychowdhury, H. and E. Wolf, Determination of the electric cross-spectral density matrix of a random electromagnetic beam 226 (2003) 57

Sanz, M., see Iparraguirre, I. 226 (2003) 275
Seaman, B. and H.Y. Ling, Feshbach resonance and coherent molecular beam generation in a matter waveguide 226 (2003) 267
Shabtay, G., Three-dimensional beam forming and Ewald's surfaces 226 (2003) 33
Shepherd, D.P., see Li, C. 226 (2003) 317
Sheridan, J.T., see Hennelly, B. 226 (2003) 61
Shi, C.Z., N. Zeng, M. Zhang, Y.B. Liao and S.R. Lai, Adaptive simulated annealing algorithm for the fiber Bragg grating distributed strain sensing 226 (2003) 167
Shu, C., see Liang, T.K. 226 (2003) 227
Shukla, A.K., see Mavi, H.S. 226 (2003) 405
Simon, J.J., see Escoubas, L. 226 (2003) 81
Singh, S. and S. Sripada, Phase conjugate emission enhancement via incoherent processes 226 (2003) 393
Singh, K.P., V.L. Gupta and V.K. Tripathi, Relativistic laser harmonic generation from plasmas with density ripple 226 (2003) 377
Sithambaranathan, G.S., see Stamnes, J.J. 226 (2003) 107
Soh, Y.C., see Kok, S.W. 226 (2003) 241
Song, S.-H., see Im, K.-B. 226 (2003) 25
Souto Ribeiro, P.H., see Caetano, D.P. 226 (2003) 297
Sripada, S., see Singh, S. 226 (2003) 393
Stabinis, A., see Orlov, S. 226 (2003) 97
Stamnes, J.J., G.S. Sithambaranathan, M. Jain, J.K. Lotsberg and V. Dhayalan, Focusing of electromagnetic waves into a biaxial crystal 226 (2003) 107
Stanley, C.R., see Garcia, M. 226 (2003) 39
Sterligov, V.A., P. Cheyssac, W. Blau and M. Kröll, Scattering and reflective properties of a hexagonal lattice of nanorods 226 (2003) 125
Su, D.-C., see Jian, Z.-C. 226 (2003) 135

Taylor, J.R., see de Matos, C.J.S. 226 (2003) 221
Tripathi, V.K., see Singh, K.P. 226 (2003) 377
Tsang, H.K., see Liang, T.K. 226 (2003) 227

Vengalattore, M., see Conroy, R.S. 226 (2003) 259

Wang, D.N., see Chen, J.W. 226 (2003) 345
Wang, Y. and H. Kan, Improvement on evaluating absorption efficiency of a medium rod for LD side-pumped solid-state lasers 226 (2003) 303
Wang, J., see Li, C. 226 (2003) 317
Wegmuller, M., see Ritari, T. 226 (2003) 233
Weiss, G.H., see Dagdug, L. 226 (2003) 149
Wen, C., see Kok, S.W. 226 (2003) 241
Wolf, E., see Roychowdhury, H. 226 (2003) 57

Xia, L., X. Li, X. Chen and S. Xie, Custom design of large chirped fiber Bragg gratings on application of arbitrary profile filtering 226 (2003) 175
Xiangchun, Z. and S. Yaozu, Investigation on image processing error in Moiré deflectometry applied to mini/micro scale flow visualization 226 (2003) 141
Xiao, Y., see Conroy, R.S. 226 (2003) 259

Xie, S., see Xia, L. 226 (2003) 175
Xu, M. and R.R. Alfano, More on patterns in Mie scattering 226 (2003) 1

Yaozu, S., see Xiangchun, Z. 226 (2003) 141
Yu, L., see Peng, X. 226 (2003) 155

Zamboni-Rached, M., K.Z. Nóbrega, H.E. Hernández-Figueroa and E. Recami, Localized superluminal solutions to the wave equation in (vacuum or) dispersive media, for arbitrary frequencies and with adjustable bandwidth 226 (2003) 15
Zeng, N., see Shi, C.Z. 226 (2003) 167
Zhang, M., see Shi, C.Z. 226 (2003) 167
Zhang, Y., see Kok, S.W. 226 (2003) 241
Zhou, J., N.Q. Ngo, K. Pita, C.H. Kam, P.V. Ramana and M.K. Iyer, Determining the minimum number of arrayed waveguides and the optimal orientation angle of slab for the design of arrayed waveguide gratings 226 (2003) 181

Available online at www.sciencedirect.com
SCIENCE DIRECT®
Optics Communications 226 (2003) 429–432
OPTICS COMMUNICATIONS
www.elsevier.com/locate/optcom

Subject index to volume 226

Propagation and scattering

M. Xu and R.R. Alfano, More on patterns in Mie scattering 1

S.-H. Lu, C.-I. Chiueh and C.-C. Lee, Measuring the thickness of opaque plane-parallel parts using an external cavity diode laser and a double-ended interferometer 7

M. Zamboni-Rached, K.Z. Nóbrega, H.E. Hernández-Figueroa and E. Recami, Localized superluminal solutions to the wave equation in (vacuum or) dispersive media, for arbitrary frequencies and with adjustable bandwidth 15

K.-B. Im, H.-I. Kim, I.-J. Joo, C.-H. Oh, S.-H. Song, P.-S. Kim and B.-C. Park, Optical trapping forces by a focused beam through two media with different refractive indices 25

G. Shabtay, Three-dimensional beam forming and Ewald's surfaces 33

M. Garcia, E. Normand, C.R. Stanley, C.N. Ironside, C.D. Farmer, G. Duxbury and N. Langford, An AlGaAs–GaAs quantum cascade laser operating with a thermo-electric cooler for spectroscopy of NH_3 39

R. Castaneda and J. Garcia-Sucerquia, Classes of source pairs in interference and diffraction 45

H. Roychowdhury and E. Wolf, Determination of the electric cross-spectral density matrix of a random electromagnetic beam 57

B. Hennelly and J.T. Sheridan, Fractional Fourier transform-based image encryption: phase retrieval algorithm 61

L. Escoubas, J.J. Simon, M. Loli, G. Berginc, F. Flory and H. Giovannini, An antireflective silicon grating working in the resonance domain for the near infrared spectral region 81

N. Bokor and N. Davidson, Chaotic and integrable reflective tube shapes for anamorphic, adiabatic transformation of diffuse light 89

S. Orlov and A. Stabinis, Free-space propagation of light field created by Bessel–Gauss and Laguerre–Gauss singular beams 97

J.J. Stamnes, G.S. Sithambaranathan, M. Jain, J.K. Lotsberg and V. Dhayalan, Focusing of electromagnetic waves into a biaxial crystal 107

V.A. Sterligov, P. Cheyssac, W. Blau and M. Kröll, Scattering and reflective properties of a hexagonal lattice of nanorods 125

doi:10.1016/S0030-4018(03)02058-3

Z.-C. Jian, C.-C. Hsu and D.-C. Su, Improved technique for measuring refractive index and thickness of a transparent plate 135

Optical information, image formation and analysis, optical computing

Z. Xiangchun and S. Yaozu, Investigation on image processing error in Moiré deflectometry applied to mini/micro scale flow visualization 141

L. Dagdug and G.H. Weiss, Absorptive effects on a parameter used to characterize the region of tissue visited by photons in continuous wave measurements 149

X. Peng, L. Yu and L. Cai, Digital watermarking in three-dimensional space with a virtual-optics imaging modality 155

C.Z. Shi, N. Zeng, M. Zhang, Y.B. Liao and S.R. Lai, Adaptive simulated annealing algorithm for the fiber Bragg grating distributed strain sensing 167

L. Xia, X. Li, X. Chen and S. Xie, Custom design of large chirped fiber Bragg gratings on application of arbitrary profile filtering 175

J. Zhou, N.Q. Ngo, K. Pita, C.H. Kam, P.V. Ramana and M.K. Iyer, Determining the minimum number of arrayed waveguides and the optimal orientation angle of slab for the design of arrayed waveguide gratings 181

Optical communications

S.L. Ng, H.S. Djie, H.S. Lim, Y.L. Lam, Y.C. Chan, B.S. Ooi, V. Aimez, J. Beauvais and J. Beerens, Fabrication of wide-band electro-absorption waveguide modulator arrays using quantum well-intermixing process 191

F.M. Castro, M.I. Molina and W.D. Deering, Controlling all-optical switching in multicore nonlinear couplers 199

T. Demeechai, Polarization statistics modeling of beat noise in optical on–off-keying networks 205

J. Reményi, P. Maák, I. Frigyes, L. Jakab and P. Richter, Demonstration of continuously variable true-time delay in frequency dependent phase compensating system with acousto-optics and liquid crystal modulator 211

C.J.S. de Matos and J.R. Taylor, Use of an electroabsorption modulator and an autocorrelator for fibre chromatic dispersion measurement at 1550 nm 221

T.K. Liang, H.K. Tsang and C. Shu, All-optical time-division demultiplexing with simultaneous regeneration in gain-switched distributed feedback lasers 227

T. Ritari, T. Niemi, H. Ludvigsen, M. Wegmuller, N. Gisin, J.R. Folkenberg and A. Petterson, Polarization-mode dispersion of large mode-area photonic crystal fibers 233

S.W. Kok, Y. Zhang, C. Wen and Y.C. Soh, Design of all-fiber optical interleavers with a given specification on passband ripples 241

Atomic and molecular physics

C. Konz and G. Benford, Geometric absorption of electromagnetic angular momentum 249

Y. Li, W.L. Roberts, M.S. Brown and G.C. Herring, Transient grating spectroscopy with delayed thermalization in non-combusting CO/air mixtures 255

R.S. Conroy, Y. Xiao, M. Vengalattore, W. Rooijakkers and M. Prentiss, Compact, robust source of cold atoms for efficient loading of a magnetic guide 259

B. Seaman and H.Y. Ling, Feshbach resonance and coherent molecular beam generation in a matter waveguide 267

I. Iparraguirre, J. Fernández, M. Sanz and J. Azkargorta, The influence of excitation inhomogeneities on energy transfer upconversion measurements 275

Condensed matter

H. Jiang, Subcellular sizing with polarized light spectroscopy 279

Quantum physics

N.A. Enaki, V.I. Ciornea and D.L. Lin, Trapping conditions for a three-level atom interacting with cavity fields 285

D.P. Caetano, C.H. Monken and P.H. Souto Ribeiro, Control of conditional pattern with polarization entanglement 297

Laser physics and laser sources

Y. Wang and H. Kan, Improvement on evaluating absorption efficiency of a medium rod for LD side-pumped solid-state lasers 303

C. Li, J.I. Mackenzie, J. Wang and D.P. Shepherd, A diode-bar side-pumped waveguide laser with an extended stable cavity for spatial mode control 317

M. González-Herráez, S. Martín-López, P. Corredera, M.L. Hernanz and P.R. Horche, Supercontinuum generation using a continuous-wave Raman fiber laser 323

S.A. Babin, D.V. Churkin and E.V. Podivilov, Intensity interactions in cascades of a two-stage Raman fiber laser 329

J. Dong, Numerical modeling of CW-pumped repetitively passively Q-switched Yb:YAG lasers with Cr:YAG as saturable absorber 337

J.W. Chen and D.N. Wang, Wavelength tunable optical short pulse generation by self-seeding of a gain-switched Fabry–Pérot laser diode with extended wavelength-tuning range 345

Nonlinear optics

I. Freund, Bichromatic optical Lissajous fields 351

K.P. Singh, V.L. Gupta and V.K. Tripathi, Relativistic laser harmonic generation from plasmas with density ripple 377

D.J. Biswas, J. Padma Nilaya and M.B. Danailov, Enhancement of photo-refractive two-wave mixing gain with a Bessel pump beam 387

S. Singh and S. Sripada, Phase conjugate emission enhancement via incoherent processes 393

H.S. Mavi, S. Prusty, A.K. Shukla and S.C. Abbi, Nonlinear phenomenon in nanocrystallites produced by laser-induced etching of silicon 405

S. Pitois and G. Millot, Experimental observation of a new modulational instability spectral window induced by fourth-order dispersion in a normally dispersive single-mode optical fiber 415